

VAMC OKLAHOMA CITY, OK
PO# 635-B36037

Qty	Item Description
1	Symbia S Series The Symbia S is a dual variable SPECT camera that can be field upgraded to TruePoint SPECT•CT.
1	Symbia S The Symbia S is a variable angle dual detector emission imaging system with a pass through open gantry design for fast data acquisition to achieve high patient throughput during SPECT, Whole Body and general purpose procedures or optimized Cardiac SPECT applications. The Symbia S can be upgraded to one of the Symbia T Series TruePoint SPECT•CT models, T, T2, T6 or T16.
2	3/8" Hi-Resolution Detector The high resolution, digital detector assembly includes a .95 cm (3/8 in.) thick NaI (TI) crystal.
1	Detector Support with Caudal Tilt Caudal tilt on Detector 2 allows for precise positioning of static and dynamic acquisitions.
2	Low_Energy_Hi_Res Collimator Symbia Low energy (140 keV), high resolution, parallel hole collimator
2	Medium Energy Collimator Symbia Medium energy (300 keV), parallel hole collimator
2	High Energy Collimator Symbia. High energy (364 keV) parallel hole collimator
1	Integrated Collimator Changer The integrated collimator changer mounts beneath the patient bed on the Symbia S and T Series camera systems. The changer saves time and effort when changing the most frequently used collimators.
1	Automatic Collimator Changer This feature automates the exchange of collimators that are housed in the integrated collimator changer.
1	Symbia Collimator Cart The collimator cart is designed to hold extra collimators and allows collimator exchange without removing the bed.

1

Internal ECG for Symbia

The internal ECG gating system provides ECG triggering for the nuclear subsystem for nuclear cardiology examinations. In addition, for Symbia T2, T6, and T16 cameras, the internal ECG gate provides ECG triggering to the CT subsystem for CT applications that require ECG gating. The ECG gate is built into the Symbia patient bed and is controlled by the Symbia acquisition workplace. The leads connect near the head of the patient bed and travel with patient, thus never interfering with scanning. The ECG waveform is displayed on the touch-screen Patient Positioning Monitor.

1

PHS Extended Pivot

The PHS extended pivot option extends the range of pivot for the patient bed in gurney mode.

1

Extra Hand Controller

Provides an extra hand controller for the Symbia S scanner.

1

Monitor: 19 inch LCD

The 19" LCD Monitor is an economic monitor solution

1

PPM on MI Workplace

This option is a software application that allows viewing and interacting with the patient positioning monitor from the Symbia acquisition workplace.

1

e.media option

The e.media patient comfort and education package integrates high quality video and sound through the color touch screen patient positioning monitor.

1

e.media DVD Player

The e.media patient education and comfort package plays high quality video and sound through the color patient positioning monitor via a built-in commercial DVD player. The small size and compact shape of the e.media DVD player allows convenient storage and easy access for changing media.

1

Remote Diagnostic Services

Remote Diagnostic Services. A broadband connection is required for full remote diagnostic functionality and optimal system uptime.

1

English Symbia S Lang Kit

1

Symbia S US Installation

This option includes the mechanical installation of the Symbia S scanner.

1

Cardiology Engine AdvSPECT Cedars

The Cardiology Engine Advanced SPECT Cedars assists in the diagnosis and quantification of coronary artery disease as well as in risk stratification for acute cardiac events. The Cardiology Engine Advanced SPECT with cardio•Flash provides the ability to shorten SPECT acquisition times with syngo MI Workflows optimized for cardiology and based on Siemens' innovative Flash reconstruction techniques.

1

syngo Media Viewer

syngo Media Viewer brings hybrid image viewing to the referring physician in a comprehensive viewing application which can be included on a CD or DVD along with DICOM images. With syngo Media Viewer clinical images can easily be shared with referring physicians, or exported for marketing or educational purposes. Simply burn the data to a CD or DVD and the data is ready to be viewed on any PC.

1

English Scenium Lang Kit

1

Neurology Add-On

The Neurology Add-On provides the ability to quantify SPECT neurology examinations. Additionally, neuro•Flash provides increased image quality or shortened SPECT acquisition times with syngo MI Workflows optimized for neurology and based on Siemens' innovative Flash reconstruction techniques.

1	SPECT Processing Processing software package that provides cardiac and other organ-based SPECT processing.
1	English Cedars Lang Kit
1	4 Quadrant Phantom for Symbia S / T A 4 quadrant 2.0-2.5.30.3.5 mm standard pattern slightly modified for use with the e.cam and Symbia Imaging Systems
1	UPS for SPECT Camera Systems Uninterruptible power supply option that provides 10 minutes of back up power to the SPECT gantry enabling the proper shut down in the event of a power loss. Also provides noise filtering and transient suppression. Specifications:5.0 KVA Input configuration: 200-240 VAC, 50/60 Hz, L6-30P Output configuration: 208 VAC, L6-30R
1	UPS for e.soft/c.cam (60 Hz) Uninterruptible power supply option that provides 10 minutes of back up power enabling the proper shut down of the system in the event of a power loss.
1	Initial onsite training 32 hrs Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	MI SPECT Project Management A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemens equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education.
2	GOV'T ONLY - MI SPECT Training Class Tuition for (1) government attendee to attend a classroom course of choice at one of the Siemens training centers. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	One complimentary biomedical tuition is included with the purchase of this system. This training must be completed before the end of the warranty period.
1	TWO SETS OF SERVICE AND OPERATORS MANUALS
1	Initial onsite training 32 hrs Gov Offse
1	SPECT ELEVATE BONUS PROMO Elev e.cam dl
1	XX2SYNGO Includes (WBTS- SY0NETBAS & SY0DICOM) :
1	XX1RADSFVC- (8 Hrs) virtual radiation Our NC RAM license requires that attendees have 8+hrs of Radiation Safety training within the last 3 yrs.
1	MI2ESOFTWS
1	MI2SYMBIA

Qty	Item Description
1	GOV'T - ONLY - MI SPECT Manual Offset English Symbia S Lang Kit
1	GOV'T - ONLY - MI SPECT Manual Offset English Scenium Lang Kit
1	GOV'T - ONLY - MI SPECT Manual Offset English Cedars Lang Kit

Detailed Technical Specifications

Symbia S-Series

/ Product	Description
Symbia S	<p>The Symbia S has the following features:</p> <ul style="list-style-type: none"> - Gantry - Patient Bed - Acquisition Workplace - SPECT Acquisition Features <p><u>Gantry</u></p> <p>Variable Angle, open design with 72 cm (28.3 in.) patient opening. The two High Definition Digital SPECT detectors can be configured at 76° or 90° for cardiac applications and at 180° for all other whole body and general protocols. Optional caudal tilt of one detector allows for optimum detector positioning of static and dynamic acquisitions. The contemporary design of the gantry incorporates Siemens-typical design elements like translucent cover materials and a fresh stripe décor. The unobstructed gantry base permits planar imaging of seated and standing patients and patients on wheelchairs, or on standard imaging tables, gurneys and hospital beds.</p> <p>The gantry supports circular orbits and non-circular orbits using autocontour. Autocontour, with infrared real-time body contouring, is a standard component which minimizes patient to collimator distance to 1.2 cm (0.45 inches) in Whole Body and SPECT non-circular orbit acquisition modes.</p> <p>All motorized motions of the patient bed, gantry and detectors are controlled from the hand controller which can be plugged into either side of the gantry.</p> <p>The Patient Positioning Monitor (PPM) is a touch screen flat panel display monitor which can be rotated for a wide range user access and visibility. It is used for the following functions:</p> <ul style="list-style-type: none"> - Patient Positioning with window and persistence adjustment - Acquisition Parameter display (elapsed time, time remaining, view number, count rate, etc.) - Camera Information (detector and bed positions) - Gantry Control (reconfiguration, collimator change, offset zoom) <p><u>Patient Bed</u></p> <p>The patient-oriented design of the imaging bed consists of 35.6 cm (14 inch) wide and 3 mm (0.102 inch) aluminum pallet, supporting patient weights up to 227 kg (500 lbs). Minimum bed height is 53 cm (21 inches) for easy patient access. Programmable table positions for wheelchairs and gurneys minimize the transport efforts of patients and staff. Integrated rulers on each side of the patient bed, allow for quick whole body set up. The patient bed can easily removed for rail-free access of sitting/standing patients, wheelchairs, imaging tables, gurneys and hospital beds.</p> <p>A fully integrated source holder is provided for quick and convenient quality control.</p> <p>Since patient comfort plays an important role in high quality medical imaging, the Symbia S comes equipped with the following comfort accessories:</p> <ul style="list-style-type: none"> - a head holder to support and stabilize the head during brain SPECT examinations - a SPECT armrest to support upper arms and hands during SPECT examinations - a whole body armrest to support the arms and keep them within the detector field of view during whole body examinations - a set of patient support straps to help patient lie still on bed

/ Product	Description
<p>(Continued)</p> <p>Symbia S</p>	<p><u>Acquisition Workplace</u></p> <p>The syngo-based high performance acquisition workstation provides a wide range of clinical acquisition protocols utilizing a graphical user interface, keyboard and mouse.</p> <p><u>Hardware:</u></p> <ul style="list-style-type: none"> - Single Quad-Core 3.2 GHz Xeon CPU - 8 GB RAM - 2 X 500 GB SATA Hard Drives - Integrated DVD-R RW - Workflow-based Architecture <p><u>SPECT Acquisition Features</u></p> <p>SPECT Acquisition Modes:</p> <ul style="list-style-type: none"> - Planar static and dynamic - Whole Body - SPECT, gated, non-gated or both - Dynamic SPECT - Whole Body SPECT <p>Workflow Features:</p> <p>The system combines acquisition, post-processing (optional), and display into user customizable workflows that automate many of your clinical routines. Besides remembering and storing your parameters for each clinical protocol, the workflow will automatically print, archive, and distribute your results to other devices on your network.</p> <p>Quality Control:</p> <p>Use the automatic and manual motion correction features of the system to aid you in the quality of your acquired images. Besides motion correction, you can beat normalize your gated studies and create quality control images such as sinograms and linograms to document your results.</p> <p>3D Orientation:</p> <p>Reorient your acquired SPECT volumes interactively to achieve the desired patient position. Cardiac and general orientations are supported. If desired, the orientation applied to one volume can be automatically applied to up to 3 additional volumes.</p> <p>Image Registration:</p> <p>Multiple techniques are available for accurate registration of your acquired images. Interactive, manual translations and rotations in all 3 planes provides a good foundation for good registration. The optional automatic registration technique can often assist you in those hard to register cases. A landmark registration feature rounds out the available techniques. Triple registration and the choice of output matrix size are also standard features.</p> <p>Reconstruction:</p> <p>The reconstruction engine supports up to 5 multi-isotope studies concurrently. Standard SPECT as well as wholebody, dynamic and gated cardiac volumes can be created.</p>
<p>3/8" Hi-Resolution Detector</p>	<p>The Symbia utilizes energy independent high definition digital detectors.</p> <p>Detector assembly technical specifications:</p> <ul style="list-style-type: none"> - True rectangular FOV of 38.7 x 53.3 cm (15.25 x 21 in.) - 59 photomultiplier tubes – 53, 7.6 cm (3 in.) and 6, 5.1 cm (2 in.) diameter tubes - .95 x 59.1 x 44.5 cm (3/8 x 23 x 17.4 in.) NaI (TI) crystal material <p>The HD Detector features include:</p> <ul style="list-style-type: none"> - Balanced performance between energy resolution and spatial resolution - One, 10-bit high-speed flash ADC per PMT

/ Product	Description
(Continued) 3/8" Hi-Resolution Detector	<ul style="list-style-type: none"> - Variable PMT selection ensures high resolution for all multi-energy and multi-peak applications - Optimized dynamic digital integration time to improve high count rate capability - Individual PMT pile-up correction for improved performance at high count rates - Energy independence maintains clinical performance at all energies including multi-peak and dual isotope studies - Location independence maintains consistent spatial resolution across the field of view - Crystal variation correction for optimal uniformity and linearity across all energies - Single source (Co-57 or Tc-99m) tunes the detector for all energies
Low_Energy_Hi_Res Collimator Symbia	<p>The low energy high resolution collimator has the following technical specifications:</p> <ul style="list-style-type: none"> - 148,000 hexagonal holes - Sensitivity: 202 cpm/microCurie - Resolution: 7.5mm at 10 cm - Weight: 22 kg (49 lbs)
Medium Energy Collimator Symbia	<p>The medium energy collimator has the following technical specifications:</p> <ul style="list-style-type: none"> - 14,000 hexagonal holes - Sensitivity: 275 cpm/microCurie - Resolution: 12.5 mm at 10 cm - Weight: 64 kg (140 lbs)
High Energy Collimator Symbia.	<p>The high energy collimator has the following technical specifications:</p> <ul style="list-style-type: none"> - 8,000 hexagonal holes - Sensitivity: 135 cpm/microCurie - Resolution: 13.4 mm at 10 cm - Weight: 125 kg (275 lbs) <p>Due to the weight of these collimators, it is recommended that an individual collimator cart containing only the 2 high energy collimators be utilized.</p>
Integrated Collimator Changer	<p>The unit can hold 2 sets of low or medium energy collimators including SMARTZOOM collimators.</p> <p>The integrated collimator changer also supports an optional automatic collimator exchange feature.</p>
Automatic Collimator Changer	<p>The automatic collimator exchange is initiated via the patient positioning monitor. Once started, the entire process is fully automated. The integrated collimator changer is a prerequisite and only those collimators housed in the integrated changer are available for automatic exchange.</p>
Symbia Collimator Cart	<p>The collimator cart is automatically clamped to the patient bed once positioned by the user. The clamping mechanism allows precise collimator exchange to occur.</p> <p>The collimator cart is designed to hold 2 sets of collimators, or 1 set in combination with a pinhole collimator.</p> <p>Due to the weight of the high energy collimators, it is recommended that an individual collimator cart containing only the 2 high energy collimators be utilized.</p>
PHS Extended Pivot	<p>The extended pivot opens the range from 40 degrees to 45 degrees to allow better handling of wide hospital beds.</p>
Extra Hand Controller	<p>The Symbia S scanner comes standard with a single hand controller that can be plugged into either side of the gantry. This option adds an additional hand controller for added efficiency in accessing the motorized motions for the patient bed, gantry, and detectors.</p>
Monitor: 19 inch LCD	<p>The Monitor: 19 in. LCD technical features are:</p>

Product	Description
(Continued) Monitor: 19 inch LCD	<ul style="list-style-type: none"> - 19" active display - Optimal picture resolution of 1280 x 1024 - Anti-glare panel surface - Up to 170 degree viewing angle
PPM on MI Workplace	<p>The software has the following features:</p> <ul style="list-style-type: none"> - Patient positioning with window and persistence adjustment - Acquisition parameter display (elapsed time, view number, etc.) - Camera information (detector and bed position) - Gantry control (collimator change and offset zoom)
e.media option	<p>Hospital promotional videos, patient procedure information, relaxation videos, and music CDs are just a few examples of the material that can be experienced with e.media.</p> <p>The DVD player, which must be purchased locally outside of Region 1 (United States, U.S. Territories, and Canada), must meet the following minimum specifications:</p> <ul style="list-style-type: none"> - Media: DVDs and Audio CDs - Video Format: NTSC, PAL or SECAM - Audio: DVD per DVD PCM Standard - CD per Redbook Standard - Outputs: Audio L/R, Phono Jack - Power: 100-240 VAC 50/60 HZ - Power consumption: < 8 w max
Remote Diagnostic Services	<p>A broadband connection is required for full remote diagnostic functionality and optimal system uptime. The Remote Diagnostic Services option allows for remote access to your networked workstations. This service includes all the necessary hardware, software and configuration required to access your equipment remotely for the purposes of remote diagnostics. Features include:</p> <ul style="list-style-type: none"> - Image Transfer - Access to automatic Virus Protection updates - Error log retrieval - Remote Workflow revisions - Remote configuration - License management - Remote workstation control via netmeeting
Symbia S US Installation	<p>Installation includes:</p> <ul style="list-style-type: none"> - Complete system assembly - Alignment - System startup - Calibrations - Performance verification to factory specifications
Cardiology Engine AdvSPECT Cedars	<p>The Cardiology Advanced SPECT engine provides the Cedars Cardiac SPECT Suite, a comprehensive set of quantitation program for the evaluation of SPECT Myocardial Perfusion Imaging</p> <p>The engine calculates a comprehensive set of cardiac parameters including ejection fractions, volumes, wall motion including right ventricular free wall motion in QBS, wall thickening, perfusion (%). QPS allows for the quantitation of prone SPECT data and of serial perfusion changes. Both 20 and AHA-17 segment scoring models are available. In addition to calculating an Eccentricity Index, QGS also calculates a more regional measure of LV shape known as the Shape Index. Displays include gated slices with contours, a motion frozen display which results in better resolution and contrast by eliminating motion of the cardiac cycle, interactive 3D images, and polar maps. Manual over-ride of contours and DICOM compatible output are additional features. Outputs include DICOM secondary capture files, result files as well as the ability to generate an AVI file format. The Cedars application is an OEM product developed and supported by Cedars Sinai.</p>

Product	Description
<p><i>(Continued)</i></p> <p>Cardiology Engine AdvSPECT Cedars</p>	<p><i>The engine's cardio•Flash</i>, a three dimensional iterative reconstruction method with resolution recovery and scatter correction, can be used to shorten Myocardial Perfusion Imaging by as much as 50%. The reconstructed data has similar, or even better, image quality when compared to a full-time MPI scan with a conventional reconstruction using Filtered Back Projection.</p> <p>To aid in patient throughput, this engine includes complete <i>syngo</i> MI Workflows, specifically designed to acquire MPI SPECT scans with half-time acquisition parameters and optimized reconstruction settings and filters.</p> <p>Applications include: Cedars SPECT Suite and <i>cardio•Flash</i></p>
<p>syngo Media Viewer</p>	<p>The <i>syngo</i> Media Viewer allows the user to visualize Biograph PET-CT or Symbia SPECT-CT images as well as stand-alone SPECT, PET, CT or MR studies. Optimized for viewing fused studies, images are displayed in coronal, sagittal and transaxial planes with a correlated MIP, and fused images are displayed in a format which allows blending between the PET or SPECT and the CT. PET Standard Uptake Values (SUV) quantification is also included and can be calculated with this application.</p> <p>The hybrid image viewing tools in <i>syngo</i> Media Viewer include:</p> <ul style="list-style-type: none"> - Linked orthogonal planes - Correlated MIP - Blendable fusion overlay - Windowing - Zoom - Pan - SUV quantification <p>The following datasets are supported</p> <ul style="list-style-type: none"> - Biograph PET-CT - Symbia SPECT-CT - CT, MR, PET or SPECT <p>A CD or DVD created with the <i>syngo</i> Media Viewer application can be viewed on any PC with the following minimum requirements:</p> <ul style="list-style-type: none"> - Intel Pentium 4-based Windows compatible hardware - 1GHz CPU - 512 RAM - 24bit graphics card - Monitor that supports 1024x768 resolution <p>The CD or DVD cannot be viewed on a <i>syngo</i> based workplace.</p> <p>The <i>syngo</i> Media Viewer is not intended for diagnostic use.</p> <p>The <i>syngo</i> Media Viewer when deployed on CD or DVD only supports the English language. It is the responsibility of the purchaser of this software product to determine its appropriateness for distribution to their external customers.</p>
<p>Neurology Add-On</p>	<p>With the use of optimized workflows included in this Neurology Add-On, one can combine standardized anatomy and a comprehensive normal ⁹⁹Tc-ECD database with advanced fusion techniques, to enable automatic correlation of the patient's study with an average brain for quick computation of abnormalities. The fusion engine produces results that are reliable and reproducible between multiple sessions and multiple users. The superior quantification tools include voxel-by-voxel and regional evaluation of abnormal brain perfusion and automatic positioning of anatomical regions of interest which are optimized for evaluation of dementia. Additional anatomical brain regions of interest are possible which makes this application flexible to evaluate a number of neurological disorders. In addition, several anatomical regions may be selected for quick assessment of a single patient scan or for quantitative comparison to other scans. Unique fusion techniques, automated evaluation steps, and comprehensive quantification tools meet the needs of the emerging SPECT or SPECT and independently acquired</p>

Product	Description
<p>(Continued)</p> <p>Neurology Add-On</p>	<p>CT neurological evaluations. A reporting mechanism is also incorporated to help ensure consistent patient reporting.</p> <p>The Neurology Add-On allows further qualitative and quantitative comparison of brain images by co-registration of functional data with a reference template (The Talairach atlas). Quantitative analysis of brain images in both Talairach and patient space and according to arterial basins, Brodmann's functional areas, or user defined areas which can be saved and reapplied to subsequent Patient data. The engine also includes sequential comparison of brain function (up to 2 datasets) and comparison of functional data with a normal database.</p> <p>Scenium provides ⁹⁹Tc-HMPAO and Age-Matched ⁹⁹Tc-ECD databases.</p> <p>Applications include: syngo Scenium SPECT and NeuroGam</p>
<p>SPECT Processing</p>	<p>Cardiac Processing (Autocardiac Activity) Features</p> <ul style="list-style-type: none"> - Process up to 4 series simultaneously - Mixed Non-Gated, Gated, Profile series simultaneously Profile simultaneous AC and Non-AC Multi-Isotope support (6 per series) - Separate reconstruction parameters per series / isotope 3D Elliptical Masking - Filtered Backprojection, Iterative-W, OSEM 2D, or OSEM 3D (optional) Reconstructions - Coincidence Reconstruction - True 3D Reconstruction Zoom - Trial Mode Reconstruction - Interactive Filter Tool - Interactive Masking / Centering <p>General Reconstruction (TOMO Reconstruction Activity)</p> <ul style="list-style-type: none"> - Process up to 5 series simultaneously - Multi-Isotope support (6 per series) - Standard Tomography and Dynamic Tomography reconstructions - Separate reconstruction parameters per series / isotope - 3D Elliptical Masking - Filtered Backprojection, OSEM 2D or 3D (optional) Reconstructions - 3D Reconstruction Zoom - Trial Mode Reconstruction - Interactive Filter Tool Interactive Masking / Centering - Chang's Attenuation Correction <p>Quality Control (Quality Control Activity) Features</p> <ul style="list-style-type: none"> - Sinogram, Linogram, and Summed Image - Cine with reference line - Automatic and Manual Motion Correction - Static X / Y / Copy / Paste - Dynamic X / Y / Copy / Paste - Gated Histogram Review - Tomo X / Copy / Paste - Dynamic Tomo Repeat X / Copy / Paste - Dynamic Tomo X / Copy / Paste / Repeat Rejection <p>Image Fusion</p> <ul style="list-style-type: none"> - Automatic adjustment based on pixel size - Volume translation and rotation operations - Manual, interactive volume manipulations - Manually enter desired translation and rotation parameters

/ Product	Description
<p><i>(Continued)</i></p> <p>SPECT Processing</p>	<ul style="list-style-type: none"> - Adjustable alpha blending display - Selectable viewing angles - Choice of output matrix size (64, 128, or 256) - Landmark registration technique <p>Organ Based Processing</p> <p>3D Reorientation</p> <ul style="list-style-type: none"> - Free angle reorientation of reconstructed series - Process up to 4 series simultaneously - Process 1 series to create 3 different series, each in a different plane <p>Cardiac Planar Gated Blood Pool</p> <ul style="list-style-type: none"> - Left and Right Ventricular EF Analysis - Regional EF Analysis - Automated Image Filtering - Automatic or Manual ROI determination - Functional Image Creation - Curve Analysis - Filling and Emptying Rate Analysis <p>Shunt Analysis</p> <ul style="list-style-type: none"> - Automatic Composite Creation - Curve Smoothing and Fitting Options - Integral Calculation for Patient and Shunt Curve - Shunt Qp/Qs via Area Method - Shunt Qp/Qs via Height Method <p>Lung Analysis</p> <ul style="list-style-type: none"> - Total or Segmented analysis - Perfusion Quantitation - L/R Lung Comparison - Geometric Mean Calculation - Single Lung Processing <p>Thyroid Analysis</p> <ul style="list-style-type: none"> - Automatic or Manual ROI determination - Uptake, Countrate, Area and Volume Calculations - Single Lobe Processing - 6 and 24 Hour Uptake <p>Renal Analysis</p> <ul style="list-style-type: none"> - Automatic or Manual ROI Determination - Gates GFR - Oberhausen ERPF - Itoh ERPF - Oriuchi MAG3 - MAG3 without Blood Sample - Transplant - Captopril Comparison

/ Product	Description
<p><i>(Continued)</i></p> <p>SPECT Processing</p>	<ul style="list-style-type: none"> - Curve Analysis - R/L Ratio - Bubeck (TER) Processing <p>Gastric Emptying Analysis</p> <ul style="list-style-type: none"> - Automatic or Manual ROI Determination - Dual Isotope / energy window support - Geometric Mean Calculation - Curve Fitting Routines - Liquid / Solid Processing - Emptying Calculations <p>Hepatobiliary</p> <ul style="list-style-type: none"> - Automatic or Manual ROI Determination - EF Calculations - Dynamic and Static Methods supported - User Defined Interval EF Processing <p>Brain Analysis</p> <ul style="list-style-type: none"> - ROI Quantitation and Ratio Analysis - Bloodflow Analysis - Patlok Plot & Cerebral Bloodflow - Lassen Method - IMP - IMP-ARG - NIMS <p>Image Manipulation</p> <ul style="list-style-type: none"> - Series Filter - Series Arithmetic - Series Reformat - Series ROI & Curve
<p>UPS for e.soft/c.cam (60 Hz)</p>	<p>Specifications:</p> <p>1.4 KVA</p> <p>Input configuration: 120 VAC, 5-15P Output configuration: 120 VAC, (6) 5-15R</p>